



**PARTNER FOR**

**PLASTIC PRODUCTS DEVELOPMENT**

## | The Company |

HSL was established in 1988 under the STELIT brand, one of the first company throughout Europe to deliver rapid prototyping services. The growth was constant thanks to the creation of internal and highly specialised business units working in synergy.

Today this structure is the unique and sole reference for customers seeking a partner for the entire product development phase.

### A flexible structure

HSL is based on teams that, according to our customer's requests and needs, work independently or together under a project manager so as to co-ordinate all of the activities:

- ✓ product styling
- ✓ design and engineering
- ✓ prototyping
- ✓ moulds design and construction
- ✓ injection moulding

Our goal is to integrate competence and know-how so as to rationalise the development process of new products or the restyling of old ones. Through ideas and technologies we focus on functionality, ergonomics, usability, savings on production.

### Rational Product Development – the paradigm of being reliable and concrete

#### *Involvement*

The first step consists in analysing and understanding the customer's needs, because each project requires different competencies and a rational approach requires that all these competencies be considered from the beginning so as to generate a holistic view of product development and to build on each other's ideas. A development team is thus created, and the customer is placed at the centre of this team with his specific market and product experience.

#### *Proposal*

The diverging phase of the teamwork leads to different solutions, but HSL remains an active part of the process, analysing together with the customer each possibility in order to identify the one that implies fewer risks and more advantages.

#### *Building*

The final result of the process is a production of plastic parts, a mould, a prototype. This can be done thanks to the interaction between people and their know-how.

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**HSL È ID & ENGINEERING, PROTOTYPING, TOOLING**

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## Our main departments



is dedicated to the design and engineering of plastic parts, assemblies, prototype or production moulds. It can work alone or in co-design, integrating the customer's specific competencies, evaluating the impact of each solution on delivery time, costs and risks. Our project managers oversees each job, both in Europe and in our own office in the Far East, with the goal of ensuring delivery times and technical specifications.



is the prototyping workshop of the company, and can work to support the RPD team in internal design validation, or as a service for external customers. We can build functional - aesthetic prototypes and pre run series in plastic, metal and composite materials for project testing. We have long-standing experience in surface finishing (e.g. transparent and coloured/transparent parts, soft touch) and in special materials (rubbers, high temperature resistance resins). The workshop can also deliver small productions.



is a specialist unit focused on the high performance vehicles and aeronautical industry.



is a network of partners that share with HSL a working method in order to handle a project together in close co-ordination. Thanks to this network, HSL can use experts to complete its own service while remaining the sole responsible for complete product development, from styling to assembly.

## | History |



- ✓ 1989: First Rapid Prototyping service in Italy
- ✓ 1991: Opening of a CAD 3D Engineering facility
- ✓ 1996: Opening of a mould design facility
- ✓ 1998: Opening of a tooling facility in Far East
- ✓ 2002: Opening of "full project development" facility
- ✓ 2007 : Founder of "NETSpa" network
- ✓ 2009: Certification ISO 9001-2008 company with quality management system certified by DNV
- ✓ 2010: Opening Rapid manufacturing Division "Digital Design for manufacturing"